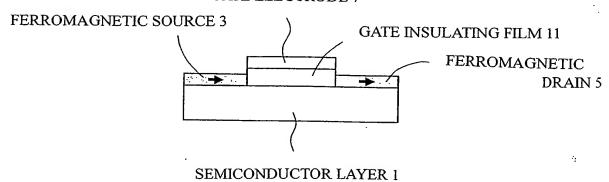
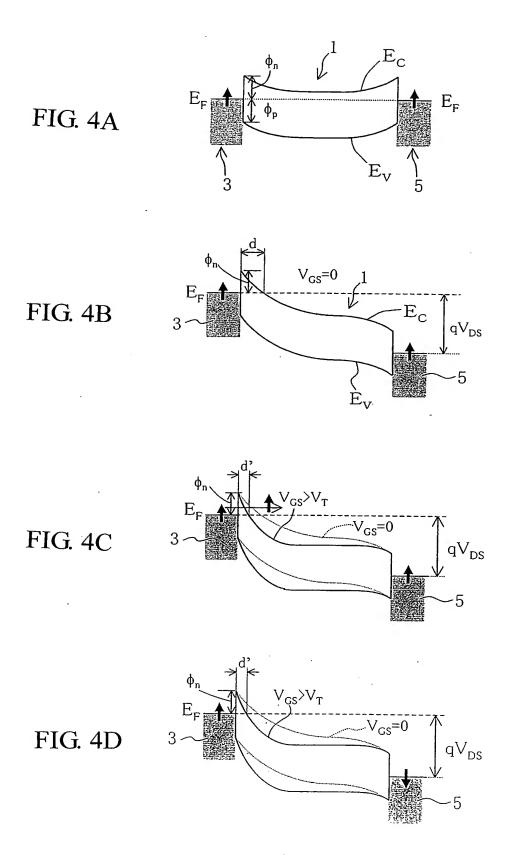
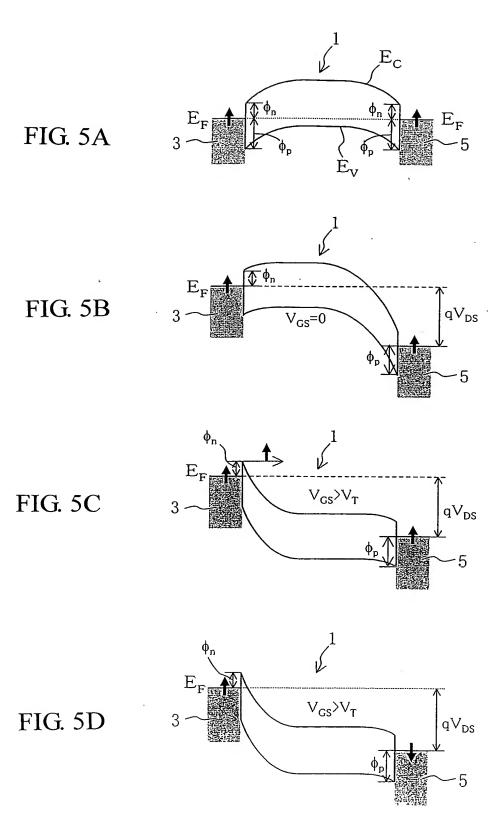
FIG. 1

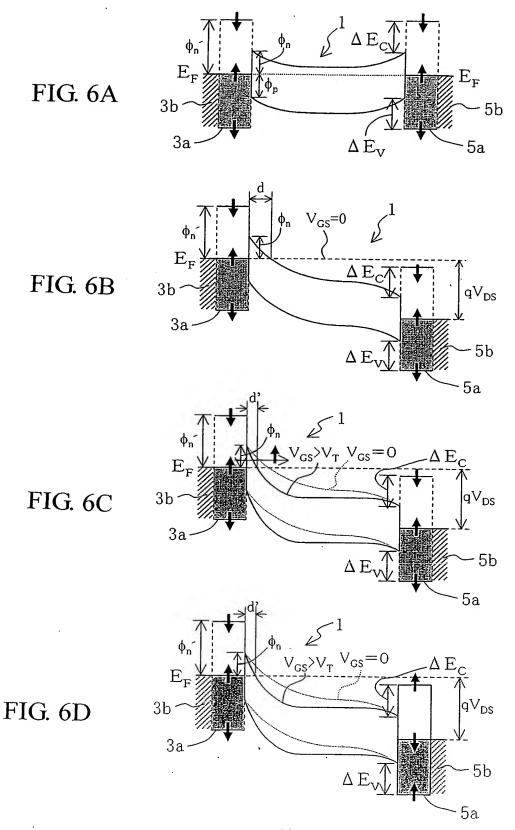
GATE ELECTRODE 7



 E_{G} FIG. 2A Ev Ec E_{G} E_{F} FIG. 2B E_{C}^{HM} FIG. 3A E_{G} E_{ν}^{HM} 3a 5a E_{C}^{HM} $\Delta_{\text{\tiny I}} E_{\text{\tiny C}}$ $E_{\text{\scriptsize G}}$ $\mathbf{E}_{\mathbf{F}}$ FIG. 3B - 5b За ·5a







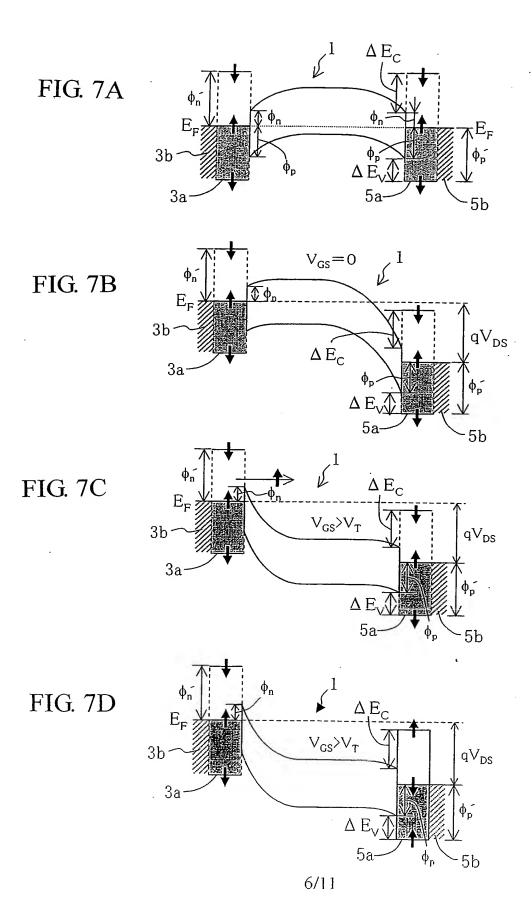
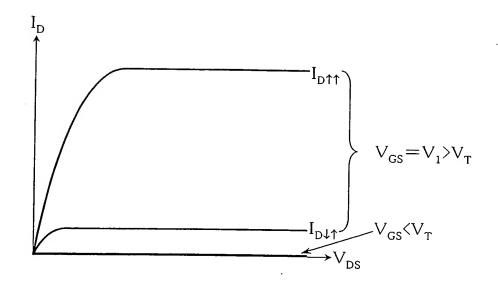


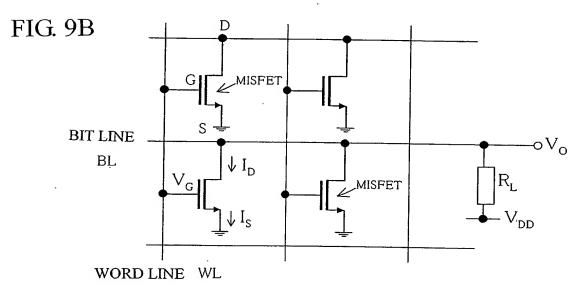
FIG. 8

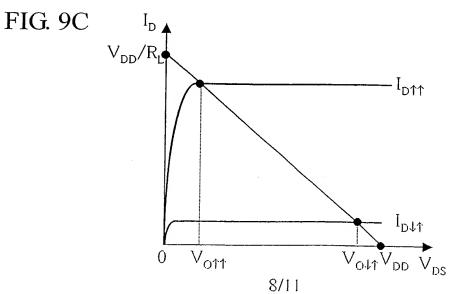


BIT LINE

BL

WORD LINE WL







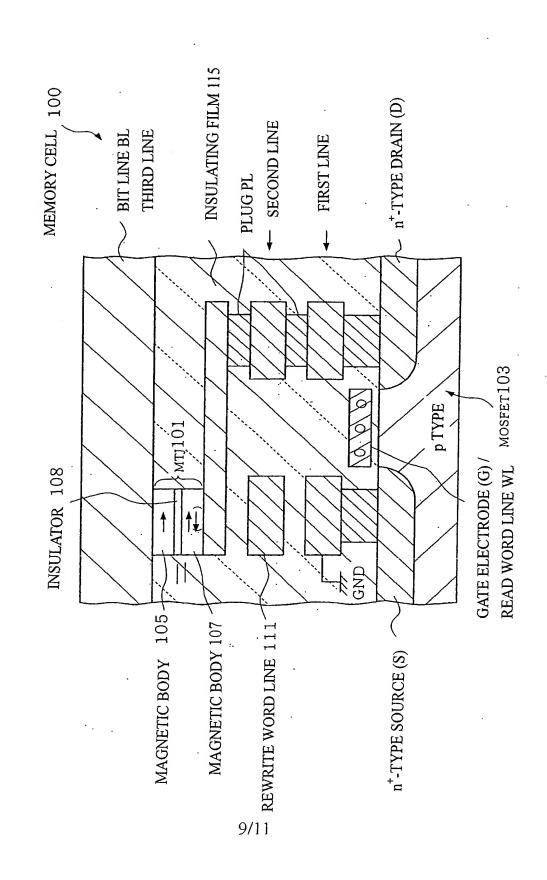
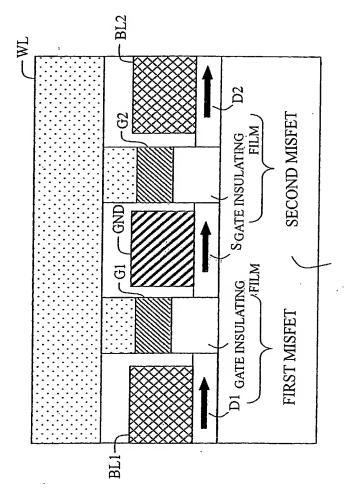


FIG. 11



SEMICONDUCTOR LAYER

FIG. 12

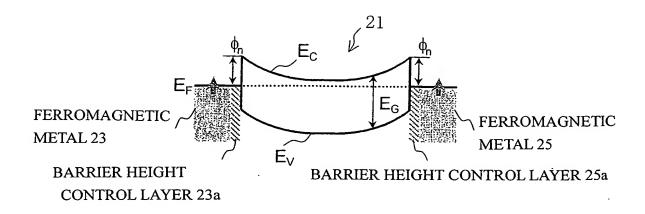


FIG. 13A

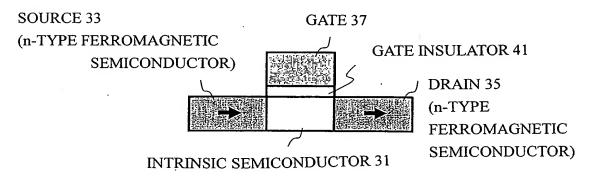
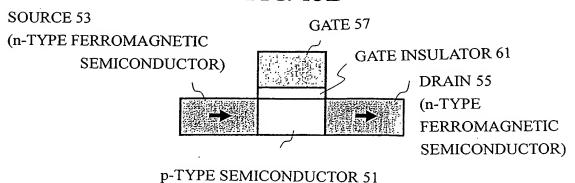


FIG. 13B



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